



DEC 21 1993

December 20, 1993

Mr. Chuck Schwer  
Vermont ANR/DEC  
Hazardous Materials Management Division  
103 South Main Street / West Building  
Waterbury, Vermont 05671-0404

RE: Stockpiled Soils located at Provost Auto Mart, Northfield, Vermont

Dear Mr. Schwer:

This letter summarizes the results of the screening of stockpiled soils located at the above referenced site. Petroleum contaminated soils were detected during the removal of a 1000 gallon underground gasoline storage tank (UST) at Provost Auto Mart on July 12, 1993. Routine screening of the soils stockpiled as a result of this tank removal is being conducted as part of a continued passive remediation plan for the soils and has been requested by Bill Lyon, the Town Manager for Northfield.

On November 17, 1993, Griffin collected three random samples from the approximately three cubic yards of soil stockpiled and encapsulated in polyethylene located behind Provost Auto Mart. These soils were moved from their previous location off the southeast corner of the building as they were in an obtrusive location (see site map in the attachment for the soil pile location). Samples were collected by hand at depths ranging from 0.5 to 1.0 feet from the surface of the pile. Each sample was placed in a plastic bag and lightly agitated and the headspace screened with an HNu PI-101 photoionization device (PID) for volatile organic compounds (VOCs). Care was taken to prevent cross contamination among the samples and to ensure the quality of the results. The results from the soil screening in parts per million (ppm) are displayed below. Soil sample locations are shown on the attached site map.

Soil Screening Results for Provost Auto Mart, November 17, 1993		
Sample	Depth (ft)	PID response (ppm)
1	1.0	0.0
2	0.5	0.4
3	1.0	0.4

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The results of the soil screening show a dramatic decrease of the contaminant levels since the last screening which took place on July 12, 1993, the day of the UST removal. Reasons for this decrease are mosy likely due to natural processes of degradation and volatilization. Moving the soils may also have been attributable to the decrease by allowing for contaminant volatilization and the entrance of extra oxygen into the soils to enhance degradation.

Based on these near zero screening results, Griffin would like to request on the behalf of Provost Auto Mart that the soils be allowed to be spread on-site as soon as possible. The amount of residual contamination remaining in the soil pile appear to be at a level low enough to not adversely impact any potential receptors in the vicinity.

Please consider this request and respond at your earliest convenience. Do not hesitate to call if you have any questions or would like any additional information.

Sincerely,



Erik C. Sandblom  
Environmental Engineer

Attachment

cc: Mr. Bill Lyon, Northfield Town Manager

REF: lyon1193Jtr

VERMONT DEPARTMENT OF ENVIRONMENTAL CONSERVATION  
UNDERGROUND STORAGE TANK PROGRAM  
TANK PULL FORM

TODAY'S DATE: 7/14/93

INSPECTOR: M. CASSARA

DATE OF REMOVAL: 7/10/93

BUSINESS NAME: PROVOST AUTO MART

MAP REVISED: 12/7/93 *ES*

SITE DIAGRAM

Show location of all tanks and distance to permanent structures, sample points, areas of contamination and any pertinent site information. Indicate North arrow and major street names or route number.

